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Catalogue of the named Megascolecidae (Oligochaeta : Annelida) in the National Museum of Natural History, Paris

by B. G. M. Jamieson *

Résumé. — Le catalogue donne la liste des 22 genres et 61 espèces appartenant à la famille des Megascolecidae, de la collection du Muséum d'Histoire naturelle de Paris.

Introduction

The named Megascolecidae (*sensu lato*) in the National Museum of Natural History, Paris, form a significant collection representing 22 genera with 61 species, including 8 generic type-species and types of no less than 41 species. The collection has been the subject of papers by Vaillant (1868 *a*), Perrier (1872, 1873, 1874, 1875), Eisen (1893), Cernosvitov (1934 *a*, *b*, 1935, 1938, 1939), Michaelsen (1907 *a*, 1910 *a*, *b*, 1915, 1934) and Jamieson (1971). The chief aims of this catalogue are to record the species present with their label-data, to assign registration numbers to them, to list them under the binomina applicable to them in current classification, with major synonyms, and to indicate references to the material in the literature. Collecting data given in the publications are included to confirm that the published accounts refer to the material specified in the catalogue, and to augment the often inadequate labels.

The catalogue is restricted to specimens which have been identified to species with rare exceptions where a published generic, but not specific identification exists. Few specimens had been labelled as types and designation of numerous specimens in the catalogue as types rests largely on deduction from the relevant literature. The author has not attempted the lengthy revision necessary to confirm the specific identifications, though some are confirmed, as this should be unnecessary for type-specimens and because other identifications have been made by reliable workers such as Cernosvitov, Gates and Michaelsen.

The collection, when examined, was contained in many large glass jars, or " bocaux ", each " bocal " having its own registration number and containing several to many phials of one or normally more species. Each phial is given a unique number in this catalogue but, owing to the shortness of time available for this work, no attempt has been made to

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record the number of specimens in each tube or to give each specimen an individual registration number. The numbering system adopted conforms with the system required by the museum.

The following format is used for each species : Specific name. Major synonymy. New registration number. Bocal number. Data on label. Status if type-material. Reference to published account of this material, if any, with collecting data. Remarks where appropriate.

Genus **ACANTHODRILUS** Perrier, 1872

Acanthodrilus obtusus Perrier, 1872

Acanthodrilus obtusus Perrier, 1872 : 87.
Notiodrilus obtusus : Michaelsen, 1900 *b* : 136.

AE572 (A712) *Acanthodrilus obtusus* Edmond Perrier, Nouvelle Calédonie, Musée des Colonies, 1863. Type.

Reference : Perrier (1872 : 89) — *Acanthodrilus obtusus*, donné en 1863 au Muséum d'Histoire naturelle par le Musée des Colonies ; il est originaire de la Nouvelle Calédonie.

Acanthodrilus ungulatus Perrier, 1872

Acanthodrilus ungulatus Perrier, 1872 : 89 ; Michaelsen, 1900 *b* : 127.

AE573 (A712) *Acanthodrilus ungulatus* Edmond Perrier, Nouvelle Calédonie, Musée des Colonies, 1863. Type.

Reference : Perrier (1872 : 92) — *Acanthodrilus ungulatus*, donné... au Muséum en 1863 par le Musée des Colonies.

Remarks : Designated the type-species of *Acanthodrilus* by Michaelsen (1900 *b*).

Genus **AMYNTHAS** Kinberg, 1867

Amynthas alteradamae (Michaelsen, 1934)

Pheretima (*Ph.*) *alteradamae* Michaelsen, 1934 : 540.
Amynthas alteradamae : Sims and Easton, 1972 : 235 (*hawayanus* group).

AE574 (A730) *Pheretima* (*Ph.*) *alteradamae*, Poulo Dama, Golf v. Siam, montagne boisée ; 24.XI.1931. Type.

Reference : Michaelsen (1934 : 540) — *Pheretima* (*Ph.*) *alteradamae*, Pulo Dama im Golf von Siam, auf bewaldeten Berg ; 24 Nov. 1931.

Amynthas aspergillus (Perrier, 1872)

Perichaeta aspergillum Perrier, 1872 : 118.
Amynthas aspergillus : Sims and Easton, 1972 : 234 (*auruginosus* group).

AE575 (A725) *Perichaeta aspergillum.* Type.

Reference : Perrier (1872 : 118) — *Perichaeta aspergillus* Edm. Perr., sans désignation d'origine.

Amynthas bangoianus (Michaelsen, 1934)

Pheretima (Ph.) bangoiana Michaelsen, 1934 : 505.
Amynthas bangoianus : Sims and Easton, 1972 : 236 (*sieboldi* group).

AE576 (A730) *Pheretima (Ph.) bangoiana* Michaelsen, Bangoi ; 11.9.30. Type.

Reference : Michaelsen (1934 : 505) — *Pheretima (Ph.) bangoiana*, Süd-Annam, Bangoi (Cam Ranch) ; 11 Nov. 1930.

Amynthas barbadensis (Beddard, 1892)

Perichaeta barbadensis Beddard, 1892 : 167.
Pheretima hawayana var. *barbadensis* : Cernosvitov, 1934 *b* : 49 ; 1935 : 11.
Amynthas barbadensis : Sims and Easton, 1972 : 236 (*morrisi* group).

AE577 (A709) *Pheretima hawayana* (Rosa) var *barbadensis* (Bedd.), Dr L. Cernosvitov det., 1933, Brésil, M. Wagner nr. 63.

Reference : Cernosvitov (1934 *b* : 49, 1935 : 11) — *Pheretima hawayana* var. *barbadensis*, Brasilien. Mr. Wagner leg. nr. 63.

Amynthas caudanus (Michaelsen, 1934)

Pheretima (Ph.) caudana Michaelsen, 1934 : 531.
Amynthas caudanus : Sims and Easton, 1972 : 234 (*diffringens* group).

AE578 (A730) *Pheretima (Ph.) caudana* Michaelsen. Type.

Reference : Michaelsen (1934 : 531) — *Pheretima (Ph.) caudana*, Süd-Annam, Cauda bei Nhatrang (1 Bruchstück Vorderende).

Remarks : The specimen, a single anterior end as reported by Michaelsen now lacks most of the internal organs but spermatheeae and prostate glands are present. The absence (universal in the genus) of copulatory pouches and nephridia from the spermatheeal ducts (usual in *Amynthas*) are confirmed.

Amynthas hawayanus (Rosa, 1891)

Perichaeta hawayana Rosa, 1891 : 396.
Pheretima hawayana typica Cernosvitov, 1934 *b* : 49; 1935 : 11.
Amynthas hawayanus : Sims and Easton, 1972 : 235 (*hawayanus* group).

AE579 (A704) *Pheretima hawayana* Rosa (no locality).

AE580 (A709) (1) *Pheretima hawayana* Rosa, f. *typica*, Dr L. Cernosvitov det. 1933, Brésil, M. Wagner no. 63.

AE581 (2) *Pheretima hawayana* (Rosa), Dr L. Cernosvitov det. 1933, Brésil.

AE582 (3) *Pheretima hawayana* (Rosa) ? Dr L. Cernosvitov det. 1933, mission F. Geay, Guyane française, 1902, no. 3222, Maroni.

Reference : Cernosvitov (1934 *b* : 49, 1935 : 11) — *Pheretima hawayana typica*, Brasilien, Mr. Wagner leg. Nr. 63 (AE580) ; Brasilien. loc ?, (AE581) ; Französisch-Guayana, mission Geay, 1902, nr. 3222 (Nr. 24 — 1904) (AE582).

Amynthas heterochaetus (Michaelsen, 1891)

Perichaeta heterochaeta Michaelsen, 1891 : 6.
Amynthas heterochaetus : Sims and Easton, 1972 : 235 (*diffringens* group).

AE583 (A730) *Pheretima heterochaeta*, Poulo Condor, Mr. Maindron, 1907, W. Michaelsen det.

Amynthas juliani (Perrier, 1875)

Perichaeta juliani Perrier, 1875 : 1045.
Pheretima juliani : Michaelsen, 1910 : 102.
Amynthas juliani : Sims and Easton, 1972 : 235 (*diffringens* group).

AE584 (A725) *Perichaeta juliani* Ed. Perrier. Type.

Reference : Perrier (1875 : 3) — *Perichaeta juliani*, Saigon. Michaelsen, 1910 : 102 (re-examination of types).

Amynthas modiglianii (Rosa, 1889)

Perichaeta modiglianii Rosa, 1889 : 134.
Pheretima modiglianii : Michaelsen, 1900 *b* : 285.
Amynthas modiglianii : Sims and Easton, 1972 : 235 (*diffringens* group).

AE585 (A730) *Pheretima* (*Ph.*) *modiglianii* Rosa (no locality).

Amynthas primadamae (Michaelsen, 1934)

Pheretima (*Ph.*) *primadamae* Michaelsen, 1934 : 526.
Amynthas primadamae : Sims and Easton, 1972 : 235 (*diffringens* group).

AE586 (A730) *Pheretima (Ph.) primadamae* Mich. Poulo Da... ?, Golfe Siam, 24.XI.31, Montagne boisée. TYPE.

REFERENCE : MICHAELSEN (1934 : 526) — *Pheretima (Ph.) primadamae*, Die Inseln von Pulo Dama in Golf von Siam auf bewaldetem Berge ; 24 Nov. 1931.

Amynthas robustus (Perrier, 1872)

Perichaeta robusta Perrier, 1872 : 112.
Perichaeta cingulata Vaillant (part.) : PERRIER, 1872 : 112.
Pheretima robusta : MICHAELSEN, 1900 *b*.
Amynthas robustus : SIMS and EASTON, 1972 : 234 (*aeruginosus* group).

AE587 (A721) (1) *Perichaeta robusta* Ed. P. Ile de France, Mr. DESJARDINS. TYPE.
AE588 (2) *Perichaeta robusta* Ed. P. Manille, B. BARROT, 1852. TYPE.

REFERENCE : PERRIER (1872 : 114) — *Perichaeta robusta*, Ile de France, recueillis par M. DESJARDINS, probablement en 1835 (AE587) ; Manille, M. BARROT, 1852 (AE588).

REMARKS : Identification confirmed.

Amynthas rodericensis (Grube, 1879)

Perichaeta rodericensis Grube, 1879 : 554.
Pheretima rodericensis : CERNOSVITOV, 1934 *b* : 49 ; 1935 : 11.
Amynthas rodericensis : SIMS and EASTON, 1972 : 235 (*diffringens* group).

AE589 (A704) *Pheretima rodericensis* Grube (no locality).
AE590 (A709) *Pheretima rodericensis* Grube, Dr L. CERNOSVITOV det. 1933, Mission F. GEAY, 1902, Guyane française No. 2832, Morne de Montobo (sic ?).

REFERENCE : CERNOSVITOV (1934 *b* : 49 ; 1935 : 11) — *Pheretima rodericensis* Grube, Französisch-Guayana. Morne de Montabo, dans la terre végétale, mission GEAY col., II.1902, Nr. 2832 (AE590).

Amynthas tertiadamae (Michaelsen, 1934)

Pheretima (Ph.) tertiadamae Michaelsen, 1934 : 535.
Amynthas tertiadamae : SIMS and EASTON, 1972.

AE591 (A730) *Pheretima (Ph.) tertiadamae* Mich., Poulo Dama ; 24 Nov. 31. TYPE.

REFERENCE : MICHAELSEN (1934 : 535) — Die Inseln von Pulo Dama im Golf von Siam, auf bewaldetem Berg ; 24 Nov. 1931.

Amynthas tonkinensis (Michaelsen, 1934)

Pheretima (Ph.) tonkinensis Michaelsen, 1934 : 529.
Amynthas tonkinensis : SIMS and EASTON, 1972 : 235 (*diffringens* group).

AE592 (A730) *Pheretima* (*Ph.*) *tonkinensis* Mich., Tonkin, Phu Ho, 10.X.31. Type.

Reference : Michaelsen (1934 : 529) — *Pheretima* (*Ph.*) *tonkinensis*, Tonkin, Phu-Ho ; 10 Okt. 1931.

Genus **ARGILOPHILUS** Eisen, 1893

Argilophilus marmoratus Eisen, 1893

Argilophilus marmoratus ornatus Eisen, 1893

Argilophilus marmoratus ornatus Eisen, 1893 : 253.

AE593 (A732) *Argilophilus marmoratus ornatus*, collection of California Academy of Sciences, Sebastopol, Sourema Co., California, in mud at Lagune, Eisen, May 1893, No. 1899. Type ?

Reference : Eisen (1893 : 253) — *Argilophilus marmoratus ornatus*, North of San Francisco Bay as far up as Oregon.

Remarks : Desiccated specimens of no taxonomic value.

Genus **BENHAMIA** Michaelsen, 1889

Benhamia michaelseni Beddard, 1901

Benhamia michaelseni Beddard, 1901 : 213.

AE594 (A705) *Benhamia michaelseni* Beddard, Liberia.

Remarks : The type-locality of *B. michaelseni* is McCarthy Island, Gambia.

Genus **CHILOTA** Michaelsen, 1899 *c*

Chilota bicincta (Beddard, 1895 *b*)

Acanthodrilus bicinctus Beddard, 1895 *b* : 217.
Chilota bicincta : Michaelsen, 1900 *b* : 148.
Chilota bicinctus : Cernosvitov, 1934 *a* : 254.

AE595 (A711) (1) *Chilota bicinctus* (Beddard), Dr L. Cernosvitov det. Cap Horn, Mission du Cap Horn 1882-83, Romanche No. 7, alt. 180 m, 12 Déc. 82 (Terre).

AE596 (2) *Chilota bicincta* (Beddard), Dr L. Cernosvitov det. *Acanthodrilus*, Baie Orange, Mission du Cap Horn, 1882-83.

Reference : Cernosvitov (1934 *a* : 254) — No. 7, Sommet du Cap Horn, Romanche, alt. 180 m, 12 décembre 1882 (AE595) ; No. 67, Terre de Feu, Baie Orange (AE596).

Remarks : There is much additional material in the collection, labelled only *Acanthodrilus*, from the same locality.

Chilota corralensis (Beddard, 1895 *b*)

Acanthodrilus corralensis Beddard, 1895 *b* : 222.

Chilota corralensis belgicae Cernosvitov, 1934 *a*

Chilota corralensis (Beddard) var. *belgicae* Cernosvitov, 1934 *a* : 254.

AE597 (A711) (1) *Chilota corralensis* var. *belgicae*, Dr L. Cernosvitov det. *Acanthodrilus*, Romanche, Baie Orange, Mission du cap Horn, 1882-83, No. 37 ; 12 Mai 83, Terre. Type.

AE598 (2) *Chilota corralensis* var. *belgicae*, Dr L. Cernosvitov det. Lombrics, Terre de Feu, Romanche No. 9, Baie Orange, Mission du Cap Horn, 1883 (Terre). Type.

AE599 (3) *Chilota corralensis* var. *belgicae*, Dr L. Cernosvitov det. *Acanthodrilus*, No. 324, Baie Orange, Mission du Cap Horn, 1882-83.

Reference : Cernosvitov (1934 *a* : 255) — la partie méridionale de la Terre de Feu (55° parallèle à peu près) (AE597-599).

Remarks : Cernosvitov's variety is here designated a subspecies.

Genus **DICHOGASTER** Beddard, 1889

Dichogaster affinis (Michaelsen, 1890)

Benhamia affinis Michaelsen, 1890 : 9.
Dichogaster affinis : Michaelsen, 1900 *b* : 345 ; Cernosvitov, 1934 *b* : 50 ; 1935 : 12.

AE600 (A723) *Dichogaster affinis* (Michaelsen), Dr L. Cernosvitov det. Bas Carsevenne, Guyane française, Geay, 1898, No. 149.

Reference : Cernosvitov (1934 *b* : 50 ; 1935 : 12) — *Dichogaster affinis* (Michaelsen) Brasilien (Contesté franco-brésilien). Bas Carsevenne. Nr. 149, 1898. Mission Geay.

Remarks : Widely distributed in warmer parts of the world. Type-locality : Quilimane, Mozambique.

Dichogaster austeni (Beddard, 1901)

Benhamia austeni Beddard, 1901 : 206.
Dichogaster austeni : Michaelsen, 1914 : 106 ; 1915 : 32.

AE601 (A715) *Dichogaster austeni* (Beddard) 75, 25.IV.12, Mangapwani.

Reference : Michaelsen (1914 : 106) — *Dichogaster austeni*, Sansibar, Dr Ch. Alluaud und Dr R. Jeannel, 25.IV.1912. Michaelsen (1915 : 32) — Ile de Zanzibar, Mangapwani, au nord de la ville, st. no. 75 ; 25 avril 1912.

Remarks : The type-locality is Blantyre, Malawi.

Dichogaster bolaui (Michaelsen, 1891)

Benhamia bolavi Michaelsen, 1891 : 9.
Dichogaster bolaui : Cernosvitov, 1934 *b* : 49 ; 1935 : 12.

6 tubes of specimens identified by Cernosvitov, their labels agreeing with the following data of Cernosvitov (1934 *b* : 49 ; 1935 : 12) :

AE602 (A723) (1) St. Georges d'Oyapock, 1129, 1900, 1131, 1900 ; 268, 1900 (Nr. 45).
AE603 (2) Bas Mahury, Nr. 3806, 1902.
AE604 (3) Ounary, Nr. 1534, 1901.
AE605 (4) Montaho, Nr. 2831.
AE606 (5) Ile de Cayenne, Nr. 25, 1904, Nr. 3783.
AE607 (6) Ilet le Père, Nr. 2935, 1901.
Identified, but not listed by Cernosvitov :
AE608 (7) Ilet le Père, No. 2897.
AE609 (8) Mission Geay, Guyane française, No. 1027.
AE610 (A715) *Dichogaster bolaui* (Michaelsen). Pic de Lang Biang, 2 200 m, Fév. 1931.

Reference : Cernosvitov (1934 *b* : 49 ; 1935 : 12) — see above (AE602-607) ; Michaelsen (1934 : 499) : Annam, Plateau des Lang Biang, in einer Höhe von 2 200 m, im Walde, Febr. 1931 (AE610).

Remarks : Widely distributed throughout the world. Type-locality : Bergedorf, Hamburg.

Dichogaster chappuisi Cernosvitov, 1938

Dichogaster chappuisi Cernosvitov, 1938 : 292.

AE611 (A719) *Dichogaster chappuisi* n. sp. Cernosvitov det. 20.8.1933. Type.

Reference : Cernosvitov (1938 : 292) — *Dichogaster chappuisi*, St. 20. Camp IV de l'Elgon, 8.I.1933, alt. 4 000 m, camp dans le cratère de l'Elgon.

Dichogaster cheranganiensis Cernosvitov, 1938

Dichogaster cheranganiensis Cernosvitov, 1938 : 298.

AE612 (A719) *Dichogaster cheranganiensis* n. sp. Cernosvitov. 31 ; 13.III.1933, Ethiopia. Type.

Reference : Cernosvitov (1938 : 298) — *Dichogaster cheranganiensis*, St. 31. Campi Cherangani, 10-18.III.1933, alt. 3 000 m, dans les prairies alpines au-dessus de la forêt du Marakwet...

Dichogaster gracilis (Michaelsen, 1892)

Benhamia gracilis Michaelsen, 1892 : 258.
Dichogaster gracilis : Michaelsen, 1907 *a* : 1.

AE613 (A777) *Dichogaster gracilis* Michaelsen, Regenwald, Ostafrika : Meru, 3 000 m, 21.12.1905, Yngve Sjöstedt. Type.

Reference : Michaelsen (1907 *a* : 2) — Meru-Berg, Süd-Abhang, in de Zone des Regenwaldes, 3 000 m hoch ; Y. Sjöstedt leg. 21/24.XII.05.

Dichogaster kenyae Michaelsen, 1914

Dichogaster kenyae Michaelsen, 1914 : 104 ; 1915 : 30.

AE614 (A715) *Dichogaster kenyae* Michaelsen. 39 ; 22.I.12. Type.

Reference : Michaelsen (1914 : 104) — Britisch-Ostafrika, Berg Kenya, 2 400 m, Dr C. L. Alluaud and Dr R. Jeannel, 22.I.1912. Michaelsen (1915 : 30) — Afrique Orientale Anglaise : forêts inférieures du versant ouest du Mont Kénya, alt. 2 400 m, st. no. 39, janv. 1912, un seul exemplaire en mauvais état de fixation.

Remarks : The specimen is shrivelled owing to previous desiccation and is of no taxonomic value. The species was wrongly designated as new in Michaelsen (1915), the account being a repetition of that of 1914.

Dichogaster modiglianii (Rosa, 1896)

Benhamia modiglianii Rosa, 1896 : 510.
Dichogaster modiglianii : Michaelsen, 1900 *b* : 346.
Dichogaster modigliani : Cernosvitov, 1934 *b* : 50 ; 1935 : 12.

AE615 (A723) *Dichogaster modiglianii* (Rosa), Dr L. Cernosvitov det. 1933, Guyane française, No. 2899, M. Geay, 1902 ; 73.

Reference : Cernosvitov (1934 *b*, 1935 : 12) — *Dichogaster modiglianii*, Französisch-Guayana. Nr. 2899, 1902 (Nr. 73), Mission Geay.

Dichogaster variabilis Cernosvitov, 1938

Dichogaster variabilis Cernosvitov, 1938 : 295.

AE616 (A719) *Dichogaster variabilis* n. sp. (Cernosvitov det.) 20 ; 8.I.1933. Type.

Reference : Cernosvitov (1938 : 295) — *Dichogaster variabilis*, St. 20, Camp IV de l'Elgon, 8.I.1933, alt. 4 000 m, Camp dans le cratère de l'Elgon...

Dichogaster sp. Cernosvitov, 1934 *b*

Dichogaster sp. Cernosvitov, 1934 *b* : 50, 1935 : 12.

The following unnamed species of *Dichogaster* are included as they are listed by Cernosvitov (1934 *b* : 50 ; 1935 : 12). Locality and other data agree very closely with those given in the publications wihch, alone, are cited.

AE617 (A715) (1) *Dichogaster* sp. Ekuador. André leg. 1898.

AE618 (2) *Dichogaster* sp. Französisch-Guayana, Mission Geay Col.

AE619 (i) St. Georges d'Oyapock, Nr. 1132, 1900 ; 1136, 1901.

AE620 (ii) Camopi Nr. 1246, 1900.

AE621 (iii) Maroni, Saint Hermina, Nr. 3687, 1902.

(3) Brasilien (Contesté franco-brésilien), Mission Geay Col.

AE622 (i) Bas Carsevenne. Nr. 148 ; Nr. 149, 1898 ; 1899.

AE623 (4) *Dichogaster* sp. Venezuela. Haut Carsevenne, Nr. 63, 1898, Mission Geay col.

AE624 (5) Columbia, Nr. 39, 1896. loc ?

Reference : Cernosvitov (1934 *b* : 50, 1935 : 12) — as above (AE617-624).

Dichogaster sp. Cernosvitov, 1938

Dichogaster sp. Cernosvitov, 1938 : 301.

AE625 (A719) *Dichogaster* sp. (group *D. gracilis* (Michaelsen)) Dr L. Cernosvitov det. 18 ; 2.I.33.

Reference : Cernosvitov (1938 : 301) — *Dichogaster* sp. St. 18. Camp III de l'Elgon, 2.I.1933, alt. 3 500 m, camp dans les prairies à Bruyères et Helychrysums de la zone alpine...

Remarks : There is further *Dichogaster* material in the collections identified only to genus.

Genus **DIGASTER** Perrier, 1872

Digaster lumbricoides Perrier, 1872

Digaster lumbricoides Perrier, 1872 : 94 ; Jamieson, 1971 : 1303.

AE626 (A715) *Digaster lumbricoides* E. P. Nouvelle-Hollande, M. J. Verreaux, 1846. Paralectotype, Jamieson, 1971. Perrier, 1872 : Nouvelle-Hollande, 1846, M. Jules Verreaux.

Reference : Jamieson (1971 : 1306) designated the two specimens, lectotype and paralectotype.

Remarks : This is the type-species of the genus.

Genus **ILYOGENIA** Beddard, 1893

Ilyogenia jeanneli Michaelsen, 1915

Ocnerodrilus (*Ilyogenia*) *jeanneli* Michaelsen, 1914 : 107 ; 1915 : 33.

AE627 (A731) *Ocnerodrilus* (*Ilyogenia*) *jeanneli* Mich., St. 45, Kenya. Type.

Reference : Michaelsen (1914 : 107) — Britisch-Ostafrika, Berg Kenya, 4 000 m, Dr C. Alluaud and Dr R. Jeannel, 1 bis 4.II.1912 ; Michaelsen (1915 : 33) — Afrique Orientale Anglaise : camp IV du Kénya, à la limite supérieure des prairies, dans la région des grands *Senecio* (alt. 4 000 m) St. no. 45, févr., 1912.

Remarks : Wrongly designated a new species in Michaelsen 1915.

Ilyogenia taste (Eisen, 1895)

Phoenicodrilus taste Eisen, 1895 : 64.
Ocnerodrilus (*Ilyogenia*) *taste* : Eisen, 1900 : 133.

AE628 (A732) Collection of California Academy of Sciences, *Phoenicodrilus torte* (laps.) Eisen, Sierra Laguna, Baja California, Mexico, collector Eisen.

Remarks : The type-locality is given as the Sierra el Taste, in the Cape Region of Baja California, some 40 or 50 miles north of Cabo San Lucas, and a garden at Peseardero. It is doubtful that AE628 is type-material.

Genus **LAMPITO** Kinberg, 1867

Lampito mauritii Kinberg, 1867

Lampito mauritii Kinberg, 1867 : 103.
Megascolex mauritii : Michaelsen, 1899 *a* : 441 ; 1900 *b* : 227.
Perichaeta luzonica (part.) Perrier, 1875 : 1044 (New Synonym).

AE629 (A724) *Perichaeta luzonica* Ed. P. (part.) C. R. 29 9bre 1875, de Bataan, Ile Luçon, Mr. Laglaize, No. 20, 1876. Type of *luzonica* (part.).

AE630 (A731) *Lampito mauritii* Kinb. Michaelsen det. Lombrics Pondichery, M. Maindron, no. 1901.

Reference : Perrier (1875 : 1044) — *Perichaeta luzonica* (part.), Ile Luçon (AE630).

Remarks : The specimens AE630 are in poor condition but agree in external characteristics (including stout penial setae protruberant from the male pores) with the description of Michaelsen (1900) for *Megascolex mauritii.*

Megascolex (?) **coerulea** Perrier, 1875

Perichaeta coerulea Perrier, 1875 : 1044.
Megascolex mauritii (part.) : Michaelsen, 1900 *b* : 227.
Lampito mauritii (part.) : Gates, 1972 : 133.

AE631 (A725) (1) *Perichaeta coerulea* (remainder illegible). Type ?

AE632 (2) *Perichaeta coerulea* Ed. P., C. R. 29 9bre 1875, Brilucao, Ile Luçon, Mr. Laglaize, No. 20. Type.

Reference : Perrier (1875 : 1044) — *Perichaeta coerulea*, Luçon (AE631, 632).

Remarks : This species appears to be distinct from *Lampito mauritii.* Its generic status is uncertain and it is provisionally placed in the heterogeneous congeries *Megascolex* though its affinities may lie with *Lampito.*

Genus **METAPHERETIMA** Michaelsen, 1928

Metapheretima elongata (Perrier, 1872)

Perichaeta elongata Perrier, 1872 : 124.
Perichaeta biserialis Perrier, 1875 : 1044.
Perichaeta luzonica (part.) Perrier, 1875 : 1044.
Pheretima elongata : Michaelsen, 1910 *b* : 84, 85 ; Cernosvitov, 1934 *b* : 49, 1935 : 11.
Metapheretima elongata : Sims and Easton, 1972 : 233, 252 (*elongata* group and species-complex).
Metapheretima biserialis : Sims and Easton, 1972 : 233, 252 (*elongata group*).

AE633 (A709) *Pheretima* sp. (*elongata* Perrier ?) Dr L. Cernosvitov det. 1933, immat. Pérou — M. Baraquin, 1867 ; (also pencil label) — *Perichaeta elongata* Ed. Perrier, Pérou — M. Baraquin 1867. Type.

AE634 (A724) *Perichaeta luzonica* (part.) Ed. Perr. C. R. 29.9.1875, de Bataan, Ile Luçon, Mr. Laglaize no. 20, 1876. Types of *P. luzonica.*

AE635-644 (A725) *Perichaeta biserialis* Ed. Perr. ; Philippines, Mr. Laglaize, No. 20, 1876 ; C. R. 29 9bre 1875. Type.

AE635 (A725) (1) var. A, 3 et 4 papilles, de Bataan, Ile Luçon.
AE636, 637 (2-3) var. B, 4 papilles, de Bataan, Ile Luçon.
AE638 (4) var. B, 4 papilles, de Mindoro.
AE639 (5) var. C, 5 papilles, de Mindoro.
AE640 (6) var. D, 7 papilles, de Mindoro.
AE641 (7) var. E, 6 papilles, de Mindoro.
AE642 (8) var. F, 5 et 6 papilles.
AE643 (9) var. G, 4 et 5 papilles, de Bataan, Ile Luçon.

AE644 (10) var. G, 4 et 5 papilles, de Mindoro.

AE645 (A730) (1) *Pheretima biserialis* (Ed. Perrier), Kurrhachee, Mr. MAINDRON, no. 31, 1896.

AE646 (2) Same, W. MICHAELSEN det.

REFERENCE : PERRIER (1872 : 124) — *Perichaeta elongata*, Pérou, donnés au Musée en 1867 par M. BARAQUIN ; MICHAELSEN (1910 : 85) — 2 type-specimens examined ; CERNOSVITOV (1934 *b* : 49, 1935 : 11) — *Pheretima elongata*, Peru, Mr. BARAQUIN leg. 1867 (AE633) ; PERRIER (1875 : 1) — *Perichaeta luzonica* (part.), Luçon, Mindoro (AE634) ; PERRIER (1875 : 2) — *Perichaeta biserialis*, Luçon, Mindoro (AE635, 638, 640, 641, 644, etc. ?).

SIMS and EASTON (1972 : 254) — *Metapheretima elongata* species complex, *biserialis* Mindoro, Philippines (syntype) (A725).

REMARKS : The type-material (AE633) of *M. elongata* consists of disintegrating fragments of very little taxonomic value. SIMS and EASTON (1972 : 254) examined a syntype of *M. biserialis* (A725) as an example of the *M. elongata* species-complex which included *elongata*, *biserialis* and several other species.

Genus **METAPHIRE** Sims and Easton, 1972

Metaphire amplectens (Michaelsen, 1934)

Pheretima (Ph.) amplectens Michaelsen, 1934 : 501.
Metaphire amplectens : SIMS and EASTON, 1972 : 238 (*houlleti* group).

AE647 (A730) *Pheretima (Ph.) amplectens* Mich. Bana, 1 500 m, 1.X.31. TYPE.

REFERENCE : MICHAELSEN (1934 : 501) — Annam, Berg Bana, Tourane, in einer Höhe von 1 500 m ; 1 Oct. 1931. TYPE.

Metaphire bianensis (Stephenson, 1931)

Pheretima bianensis Stephenson, 1931 : 58.
Metaphire bianensis : SIMS and EASTON, 1972 : 237.

Metaphire bianensis duplofasciata (Michaelsen, 1934)

Pheretima (Ph.) bianensis f. *duplofasciata* Michaelsen, 1934 : 514.
Metaphire bianensis duplofasciata : SIMS and EASTON, 1972 : 237.

AE648 (A709) Der dünkle gebanderte *Pheretima (Ph.) bianensis* Stephenson Nhatrang ; mars 1930. TYPE.

AE649 (A730) Annam, Lang Biang, 1 500-2 000 m (forêt) 1931. TYPE.

REFERENCE : MICHAELSEN (1934 : 514) — Süd Annam, Lang-Biang, in einer Höhe

von 1 500-2 200 m im Walde ; Januar 1931 (A730) AE649 ; Berg Hon-Ba (Nhatrang), 3 Marz 1930 (AE648).

Metaphire dalatana (Michaelsen, 1934)

Pheretima (Ph.) dalatana Michaelsen, 1934 : 533.
Metaphire dalatana : Sims and Easton, 1972 : 238 (*ignobilis* group).

AE650 (A730) *Pheretima (Ph.) dalatana* Mich. Dalat 1 500 m, arbre broyé, 20.I.1931. Type.

Reference : Michaelsen (1934 : 533) — Süd-Annam, Dalat, 20 Jan. 1931.

Metaphire dawydovi (Michaelsen, 1934)

Pheretima (Ph.) dawydovi Michaelsen, 1934 : 517.
Metaphire dawydovi : Sims and Easton, 1972 : 238 (*houlleti* group).

AE651 (A709) *Pheretima (Ph.) dawydoffi* (sic) Mich. Orig ! Arbre broyé, Lang Biang, 8.II.30. Type.

Reference : Michaelsen (1934 : 517) — Süd-Annam, Lang Biang, « Arbre Broyé », 8 Feb. 1931.

Metaphire hobaensis (Gates, 1941)

Pheretima (Ph.) helvola Michaelsen, 1934 : 520.
Pheretima hobaensis Gates, 1941 : 497 nom. nov. pro *Pheretima helvola* Michaelsen (non Ude 1905).

AE652 (A709) *Pheretima (Ph.) helvola* Mich. die heller. Nhatrang, mars 1930. Type.

Reference : Michaelsen (1934 : 520) — Berg Hon-Ba (Nhatrang) ; 3 Marz 1930.

Metaphire houlleti (Perrier, 1872)

Perichaeta houlleti Perrier, 1872 : 99.

Metaphire houlleti houlleti (Perrier, 1872)

Perichaeta houlleti Perrier, 1872 : 99.
Metaphire houlleti houlleti : Sims and Easton, 1972 : 238 (*houlleti* group).

AE653 (A709) *Pheretima*, Guyane française, Mission Geay, Ilet le Père, avr. 1901, No. 2935, sol humide, 20 m au-dessus du niveau de la mer.

AE654 (A725) *Perichaeta houlleti* Ed. P. Serres du Muséum, Mr. Houllet.

References : Perrier (1872 : 98) — *Perichaeta houlleti*, Calcutta : Cochinchine Vietnam (AE654).

Cernosvitov (1934 *b* : 49 ; 1935 : 11) — *Pheretima* (*houlleti* (Perrier) ?), Französisch-Guayana. Ilet le Père. Sol humide... mer. Mission Geay. IV.1901. Nr. 2935 (E653).

Metaphire langbiangi (Michaelsen, 1934)

Pheretima (*Ph.*) *langbiangi* Michaelsen, 1934 : 522.
Metaphire langbiangi : Sims and Easton, 1972 : 238 (*ignobilis* group).

AE655 (A730) *Pheretima* (*Ph.*) *langbiangi* Mich. (No locality but label apparently in Michaelsen's handwriting). Type.

Reference : Michaelsen (1934 : 522) — *Pheretima* (*Ph.*) *langbiangi*, Süd-Annam, Berg Lang Biang, in einer Höhe von 1 500-2 400 m, im Walde ; Jan. 1931.

Remarks : Presumed to be type-material as the remainder of the French-Indochina collection described by Michaelsen is lodged in this museum.

Metaphire posthuma (Vaillant, 1868 *a*)

Perichaeta posthuma Vaillant, 1868 *a* : 228.
Perichaeta affinis Perrier, 1872 : 106.
Metaphire posthuma : Sims and Easton, 1972 : 239 (*posthuma* group).

AE656 (A709) (1) *Pheretima posthuma* L. Vaillant (no locality). Type ?

AE657-659 (2-4) *Pheretima posthuma* L. Vaillant G. E. Gates det. 1926, Java. Type ?

AE660-662 (5-7) *Pheretima posthuma* L. Vaillant G. E. Gates det. 1926 (*Perichaeta affinis* Ed. Perrier) Saigon, Mr. Victor Borie, 1872. Type.

AE663 (8) As (5-7) with " Préparation de l'appareil génital ". Type.

AE664-668 (9-13) *Pheretima posthuma* L. Vaillant G. E. Gates det. 1926 (*Perichaeta affinis* Ed. Perrier) Cochinchine, Mr. Julien, 1874. Type ?

AE669 (14) *Perichaeta affinis* E. P. Saigon, Mr. Victor Borie, 1872. Type.

AE670 (A721) (1) *Perichaeta affinis* Ed. Perrier, C. R. (Comptes Rendus) 29.IX.1875, de Bataan, Ile Luçon, M. Laglaize, no. 20, 1876. Type.

AE671 (2) *Perichaeta affinis*, Saigon, Mr. Borie, 1872. Type.

AE672 (A725) *Perichaeta affinis*, Saigon (?) M. Houllet (?).

References : Vaillant (1868 *a* : 228) — *Perichaeta posthuma*, Java (AE656-659) are probably Vaillant's Types as the presence of the latter in this museum is mentioned by Perrier (1872 : 106).

Perrier (1872 : 106) — *Perichaeta affinis*, Saigon (Cochinchine), Vietnam (AE660-668, AE671).

Perrier (1875 : 1044) — *Perichaeta affinis*, Philippines.

Remarks : AE664-668 is possibly material referred to in Perrier's account as Julien was the collector for *P. juliani*, also from Saigon, described in the same paper. AE670 is certainly the material of *P. affinis* recorded in the account from the Philippines.

Metaphire quadragenaria (Perrier, 1872)

Perichaeta quadragenaria Perrier, 1872 : 122.
Perichaeta cingulata (part.) : Perrier, 1872 : 122.
Metaphire quadragenaria : Sims and Easton, 1972 : 239 [*pulcha* (sic, pro *pulchra*) group].

AE673 (A724) (1) *Perichaeta quadragenaria*, Indes occidentales (pencil), Indes orientales (ink label).

AE674 (2) *Perichaeta quadragenaria* Edm Perrier, Indes orientales. Type.

Reference : Perrier (1872 : 122) — *Perichaeta quadragenaria*, deux des *Perichaeta cingulata* de M. Vaillant qui sont originaires des Indes orientales (AE673, 674).

Metaphire stephensoni (Michaelsen, 1934)

Pheretima (*Ph.*) *stephensoni* Michaelsen, 1934 : 543.
Metaphire stephensoni : Sims and Easton, 1972 : 239 (monotypic *stephensoni* group).

AE675 (A730) *Pheretima* (*Ph.*) *stephensoni* Mich. Lang Biang 1 500-2 000 m, Annam forêt. Type.

Reference : Michaelsen (1934 : 543) — *Pheretima* (*Ph.*) *stephensoni*, Süd-Annam, Berg Lang Biang, in einer Höhe von 1 500-2 200 m, Wald : Jan. 1931.

Metaphire varellana (Michaelsen, 1934)

Pheretima (*Ph.*) *varellana* Michaelsen, 1934 : 511.
Metaphire varellana : Sims and Easton, 1972 : 239 (monotypic *varellana* group).

AE676 (A730) (1) *Pheretima* (*Ph.*) *varellana* Mich. S. Annam. Type.

AE677 (2) *Pheretima* (*Ph.*) *varellana* Mich. f. *gilva* Mich. Dalat, 1 500 m, arbre broyé, 20.I.31. Type.

Reference : Michaelsen (1934 : 511) — *Pheretima* (*Ph.*) *varellana*, Annam, Kap Varella (stark pigmentierte Form).

AE676 ; Dalat, in einer Höhe von 1 500 m. Arbre broyé, 20 Jan. 1931 (blasse Form; p. 512, " f. *gilva* ") (AE677).

Metaphire sp. (Cernosvitov, 1934 *b*)

Pheretima sp. Cernosvitov, 1934 *b* : 49 ; 1935 : 11.

AE678 (A709) *Perichaeta* sp. n. (2) Rio Janeiro, Houllet 1878, Serres du Muséum. *Pheretima* sp.

Reference : Cernosvitov (1934 *b* : 49 ; 1935 : 11) — *Pheretima* sp., Brasilien. Rio de Janeiro. Serres du Musée. Houllet 1878.

REMARKS : Agreeing in all pertinent respects with the genus *Metaphire* as defined by SIMS and EASTON (1972).

CERNOSVITOV reports only one (immature) specimen but there are three such specimens in the tube, of which only one has here been examined.

Genus **MICROSCOLEX** Rosa, 1887

Microscolex dubius (Fletcher, 1888)

Eudrilus (?) *dubius* Fletcher, 1888 : 378.
Microscolex dubius : ROSA, 1890 : 511 ; MICHAELSEN, 1907 *b* : 147.
Deltania elegans Eisen, 1893 : 251.
Microscolex elegans : BEDDARD, 1895 *a* : 466 ; MICHAELSEN, 1900 *b* : 142.

AE679 (A715) *Deltania elegans* Eisen, Collection of California Academy of Sciences, San Francisco, California. Collector EISEN ; 1893 February. TYPE ?

REFERENCE : EISEN (1893 : 251) — San Francisco, Berkeley, Mount Diablo, Santa Rosa : the country surrounding San Francisco Bay.

Microscolex michaelseni (Beddard, 1895 *b*)

Microscolex michaelseni Beddard, 1895 *b* : 231.

Microscolex michaelseni hermitensis Pickford, 1932

Microscolex michaelseni hermitensis Pickford, 1932 : 278.
Microscolex michaelseni var. *hermitensis* : CERNOSVITOV, 1934 *a* : 252.

AE680 (A726) *Microscolex michaelseni* ssp. *hermitensis* det. Dr L. CERNOSVITOV, Baie Orange, Terre de Feu, Mission du Cap Horn, 1883, No. 9.

REFERENCE : CERNOSVITOV (1934 : 252) — No. 9 Terre de Feu, Baie Orange, 1883.

Genus **NEOGASTER** Cernosvitov, 1934 *b*

Neogaster americanus Cernosvitov, 1934 *b*

Neogaster americanus Cernosvitov, 1934 *b* : 51 ; 1935 : 15.

AE681 (A715) (1) *Neogaster americanus* n. g. n. sp. Dr L. CERNOSVITOV det. et descr. 1933 ; 149, Bas Carsevenne, M. GEAY 1898. TYPE.

AE682 (A715) (2) Same data but no number. TYPE.

REFERENCE : CERNOSVITOV (1934 *b* : 51 ; 1935 : 15) — Brasilien, Bas Carsevenne. Mission GEAY col. Nr. 148, 149 ; 1898.

REMARKS : The type-specimens are shrivelled owing to previous desiccation and are of little taxonomic value.

Genus **PERIONYCHELLA** Michaelsen, 1907 *b*

Subgenus *Vesiculodrilus* Jamieson, 1972

Perionychella (Vesiculodrilus) peregrinus (Cernosvitov, 1934 *b*)

Plutellus peregrinus Cernosvitov, 1934 *b* : 48 ; 1935 : 9.

AE683 (A715) *Plutellus peregrinus* n. sp. CERNOSVITOV, M. GEAY No. 6, 1911 ; Dr L. CERNOSVITOV det. et descr. 1933. TYPE.

REFERENCE : CERNOSVITOV (1934 *b* : 48 ; 1935 : 9) — Mission GEAY col. Nr. 6, 1911. Fundort nicht angegeben, jedenfalls aus dem nördlichen Teil Süd-Amerikas.

REMARKS : CERNOSVITOV's grounds for considering these specimens to have originated from South America must be questioned as the date given on the label is almost a decade later than other dates given for the Mission GEAY. The label, though giving GEAY as the collector, does not mention the expedition. *Perionychella*, in which this species is here placed with certainty, is known only from Australia (and, probably, New-Zealand) and the specimens are probably, therefore, of antipodean origin.

Genus **PHERETIMA** Kinberg, 1867

Subgenus *Pheretima* Kinberg, 1867

Pheretima (Ph.) crassicystis (Michaelsen, 1896)

Perichaeta crassicystis Michaelsen, 1896 : 204.
Pheretima sangirensis crassicystis + *Ph. s. chica* : MICHAELSEN, 1900 *b* : 300.

AE684 (A724) (1) *Perichaeta laglaizi* E. P. (Manuscript name), Philippines, 1876, Mr. LAGLAIZE.

AE685 (2) *Perichaeta laglaizi*, Iles Philippines, Mr. LAGLAIZE, 1876.

AE686 (3) *Perichaeta laglaizi* ? Ed. Per. Iles Philippines, Mr. LAGLAIZE, 1876.

REMARKS : No published account of *Perichaeta laglaizi* is known and it must be considered a manuscript name only with no priority over *Perichaeta crassicystis* to which the material is here shown to belong.

Pheretima (Pheretima) darnleiensis (Fletcher 1887)

Perichaeta darnleiensis Fletcher, 1887 : 966.
Perichaeta cingulata (part) Vaillant, 1868 *a* : 228 ; (part) Vaillant, 1868 *b* : 146.
Megascolex cingulatus : Vaillant, 1889 : 72.
(non) *Perichaeta cingulata* Schmarda, 1861 : 14.
Pheretima (*Pheretima*) *darnleiensis* : Sims and Easton, 1972 : 260.

AE687 (A725) *Perichaeta cingulata* Schmarda, individu déterminé et disséqué par Mr. L. Vaillant, Ile de France, M. Desjardins 1835. (*Pheretima* (*Ph.*) *darnleiensis* (Fletcher, 1887)).

Remarks : Sims and Easton (1972) have already shown that *Megascolex cingulatus sensu* Vaillant was a synonym of *Ph.* (*Ph.*) *darnleiensis* but they did not examine AE687 which is here referred to *Ph.* (*Ph.*) *darnleiensis* for the first time. thus confirming Vaillant's misidentification of *M. cingulatus*.

Pheretima (s. lat.) **touranensis** Michaelsen, 1934

Pheretima (*Ph.*) *touranensis* Michaelsen, 1934 : 499.
Pheretima (s. lat.) *touranensis* : Sims and Easton, 1972 : 225 (*Species incertae sedis*).

AE688 (A730) *Pheretima* (*Ph.*) *touranei* Mich. Col de Nuages, Tourane, Annam ; dec. 1929. Type.

Reference : Michaelsen (1934 : 499) — *Pheretima* (*Ph.*) *touranensis*, Annam, Tourane, col de Wuega ; 1 Dec. 1931.

Remarks : Sims and Easton (1972 : 225) note that Michaelsen was unable to determine whether intestinal caeca were present or absent and that *Ph. touranensis* was therefore a *species incertae sedis*. Absence of copulatory pouches excluded it from *Pheretima* s. strict. and *Metaphire*. The single specimen is shrivelled owing to previous desiccation and is of little, if any, taxonomic value.

Genus **PITHEMERA** Sims and Easton, 1972

Pithemera bicincta (Perrier, 1875)

Perichaeta bicincta Perrier, 1875 : 1044.
Pheretima bicincta : Michaelsen, 1910 *b* : 84.
Pithemera bicincta : Sims and Easton, 1972 : 202, 232 (*bicincta* group).

AE689-692 (A724) (1-4) *Perichaeta bicincta* Perrier, Philippines, Mr. Laglaize, No. 20, 1876. Type.

Reference : Perrier (1875 : 1044) — *Perichaeta bicincta*. Iles Philippines. Michaelsen (1910 *b* : 84) — an original specimen examined.

Remarks : *Perichaeta bicincta* was placed by Michaelsen (1900 *b* : 419) in a list of *genera et species dubiae Megascolecidarum.* Sims and Easton (1972 : 202) erected *Pithemera* for *bicincta* which they redescribed from the original description and from examination of the type-specimens of *Perichaeta violacea* Beddard, 1895 *a*, and of other, unspecified material.

Genus **PLUTELLUS** Perrier, 1873

Plutellus heteroporus Perrier, 1873

Plutellus heteroporus Perrier, 1873 : 245 ; Jamieson, 1971 : 1301.

AE693 (A715) (1) *Plutellus heteroporus* Perrier, 1873. Fragmentary lectotype.
AE694 (2) Spermatheca of lectotype.
AE695 (3) Residue of type-series.

Reference : Perrier (1873 : 249) — mêlés dans le même bocal avec... Lombrics, provenant de la Pennsylvanie.

Remarks : Jamieson (1971) redescribed a type-specimen and designated it the lectotype. The original locality was almost certainly Australia.

Genus **PONTODRILUS** Perrier, 1874

Pontodrilus litoralis (Grube, 1855)

Lumbricus litoralis Grube, 1855 : 127, 135.
Pontodrilus littoralis : Beddard, 1895 *a* : 469 ; Michaelsen, 1910 *a* : 89.
Pontodrilus marionis Perrier, 1874 : 1582.

AE696 (A731) (1) *Pontodrilus litoralis* (Grube) 1855. Zone subterrestre, dans Posidonies, cap Kara-Burnu, Salonique, P. Remy, 30 août 1933, A. Schweitzer det.
AE697, 698 (2 and 3) *Pontodrilus littoralis* (sic) Cannes, 6.8.1903, coll. M. le Baron de S. Joseph, No. 20, 1911.

Pontodrilus bermudensis Beddard, 1891

Pontodrilus bermudensis Beddard, 1891 : 96 ; Michaelsen, 1910 *a* : 84.
Pontodrilus michaelseni Eisen, 1895 : 73.

AE699 (A731) *Pontodrilus michaelseni* Eis. Californie, No. 1899.

Remarks : The type-locality is the supralittoral on the shores of the Gulf of California around Guaymas, Mexico. A731..... does not appear, therefore, to be type-material.

Genus **PYGMAEODRILUS** Michaelsen, 1890

Pygmaeodrilus montanus Michaelsen, 1907 *a*

Pygmaeodrilus montanus Michaelsen, 1907 *a* : 2.

AE700 (A777) *Pygmaeodrilus montanus* Mich. cotype, Bergwiesen, Ostafrika : Kilimandjaro 3 000-3 500 m, Febr. 1906, Yngve Sjöstedt. Type.

Reference : Michaelsen (1907 *a* : 3) — *Pygmaeodrilus montanus*, Kilimandjaro, Kiboscho, Bergwiesen Oberhalb des Regenwaldes, 3 000-3 800 m hoch ; Y. Sjöstedt leg. Febr. 1906.

Remarks : The single specimen is a postelitellar portion only.

Genus **WEGENERIONA** Cernosvitov, 1939

Wegeneriona michaelseni (Cernosvitov, 1934 *b*)

Wegeneriella michaelseni Cernosvitov 1934 *b* : 50 ; 1935 : 13.
Howascolex michaelseni : Pickford, 1937 : 608.
Wegeneriona michaelseni : Cernosvitov, 1939 : 116.
Wegeneriella (*Wegeneriona*) *michaelseni* Omodeo, 1955 : 1.

AE701 (A732) *Wegeneriella michaelseni* n. sp. Cernosv. Bas Carsevenne, M. Geay 1898 No. 149 ; Dr L. Cernosvitov det. 1933. Type.

Reference : Cernosvitov (1934 *b* : 50 ; 1935 : 13) — Brasilien (Contesté franco-brésilien). Bas Carsevenne. Mission Geay col. Nr. 148, 1898. 1 Ex. Nr. 149, 1898.

Remarks : Cernosvitov (1939) erected *Wegeneriona* for *Wegeneriella beauforti*, *W. michaelseni* and for a new species, *Wegeneriona brasiliana*, the type species.

Genus **YAGANSIA** Michaelsen, 1899 *b*

Yagansia papillosa (Beddard, 1895 *b*)

Microscolex papillosus Beddard, 1895 *b* : 230.
Yagansia papillosa : Michaelsen, 1900 *a* : 23 ; Cernosvitov, 1934 *a* : 255.

AE702 (A731) *Yagansia papillosa*, Cernosvitov det. Terre de Feu, Baie Orange, Mission du Cap Horn, 1883. Type.

Reference : Cernosvitov (1934 *a* : 255) — No. 9, Terre de Feu, Baie Orange, 1883.

Species dubiae

? **Perichaeta viridis** Schmarda, 1861

Perichaeta viridis Schmarda, 1861 : 13.
Megascolex viridis : Vaillant, 1889 : 87.
Perichaeta viridis : Michaelsen, 1900 *b* : 449 (*Genus et species incertae sedis*).

AE703 (A725) *Perichaeta viridis*, Chine. Mr. Marion, 1875.

Remarks : The type-locality is Ceylon. AE703 consists only of a desiccated now unidentifiable specimen and two fragments of a green worm, one of which is quadrangular in cross section and has 8 setae per segment, dorsolateral gills and a posterodorsal anus. This caudal fragment appears to belong to a branchiate *Alma* (Glossoscolecidae) and to have no relevance to *P. viridis* which (Schmarda, 1861 : 13) had more than 50 setae in each ring.

INDEX

Subgeneric and specific names are followed by the generic name while subspecific names are followed by the specific binomen. Names are listed thus : generic name with a capital initial letter and no parentheses, e. g. Acanthodrilus ; subgeneric name with a capital initial letter but in parentheses, e. g. (Vesiculodrilus) Perionychella ; specific name in lower case, e. g. allinis Dichogaster ; subspecific name in lower case, e. g. belgicae Chilota corralensis. The obsolete ' variety ' and ' forma ' are listed as subspecies but no trinomials listed have conclusively been shown to be good subspecies. Names in italics are junior synonyms at least in the combinations in which the name occurs in the text. Numerals are the registration numbers which appear sequentially in the text, e. g. AE572. For genera and subgenera, bold numerals indicate textual entries under the name listed while italicised numerals indicate that the taxon appears in synonymy under a different generic heading. Asterisked genera are non-megascolecid names previously attributed to megascolecid species.

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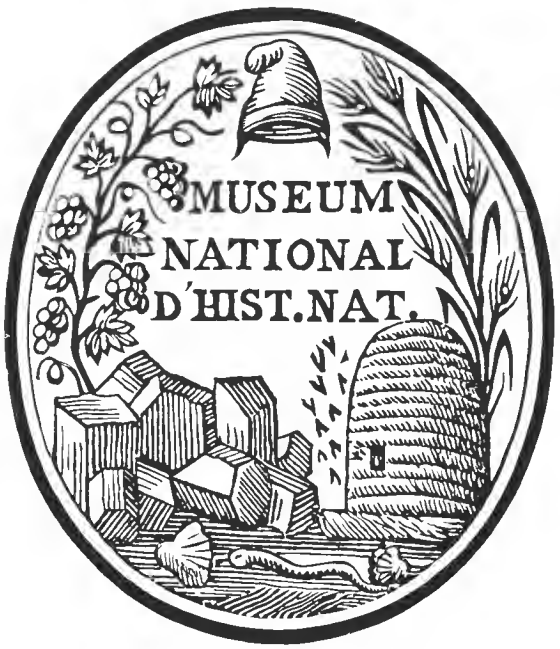
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